

## CLAIMS

I claim:

- 1        1. A snow shovel, comprising:
  - 2            an elongated frame having an upper end and a lower end;
  - 3            a handle assembly mounted to the upper end of said elongated
  - 4 frame;
  - 5            a wheel assembly mounted to an intermediate portion of said
  - 6 frame;
  - 7            a scoop release assembly fixedly mounted to the lower end of
  - 8 said frame; and
  - 9            a scoop having a front scoop section, a rear section, and a
  - 10 rearward facing mounting block fixedly attached to said rear
  - 11 section, said mounting block pivotally mounted within said scoop
  - 12 release assembly, whereby said scoop has a first fixed operating
  - 13 position in which said scoop is horizontally aligned with said
  - 14 scoop release assembly, and a second operating position in which
  - 15 said scoop freely rotates in a vertical plane.

1        2.    The snow shovel according to claim 1, wherein said  
2 handle assembly includes a substantially horizontal handlebar  
3 having a pair of spaced apart handles and a stem depending from  
4 the center of said handlebar, said stem pivotally mounted to the  
5 upper end of said telescoping frame, such that said handle  
6 assembly can be adjusted in a vertical plane between pre-selected  
7 vertical angles relative to said frame.

1        3.    The snow shovel according to claim 2, further  
2 comprising a scoop release component mounted on said handlebars  
3 whereby activation of said scoop release component allows said  
4 scoop to vertically rotate within the scoop release assembly  
5 between the first position and said second position.

1        4.    The snow shovel according to claim 3, further  
2 comprising a first elongated flexible member extending between  
3 said scoop release component and said scoop release assembly.

1           5.     The snow shovel according to claim 3, further having:  
2           a handle angle adjustment mechanism mounted between said  
3 handle stem and the upper end of said frame; and  
4           a handle angle adjustment component mounted on said  
5 handlebar;  
6           whereby activation of said handle angle adjustment component  
7 permits said handle assembly to be secured at uniformly spaced  
8 angles relative to said frame.

1           6.     The snow shovel according to claim 5, further  
2 comprising a second elongated flexible member extending between  
3 said handle angle adjustment component and said handle angle  
4 adjustment mechanism.

1           7.     The snow shovel according to claim 5, wherein said  
2 handle angle adjustment component has a plurality of spring  
3 loaded pins securing said handle assembly to said frame.

1        8.    The snow shovel according to claim 1, wherein said  
2 wheel assembly includes a pair of wheels, each of said wheels  
3 rotatably connected to a wheel strut, each wheel strut pivotally  
4 mounted to a wheel assembly mounting bar, whereby said wheels are  
5 pivotal from a position proximate to said frame to an extended  
6 position substantially normal to said frame.

1        9.    The snow shovel according to claim 1, wherein said  
2 scoop mounting block has a transverse lip having a forward facing  
3 first lateral abutment surface and a second rear facing arcuate  
4 abutment surface.

1        10.   The snow shovel according to claim 9, wherein said  
2 scoop release assembly includes a left side, a right side, a  
3 traversing member, and a spring-loaded latch slidably received  
4 between said left side and said right side.

1        11.   The snow shovel according to claim 1, wherein the  
2 length of said elongated frame is adjustable.

1           12. A snow shovel, comprising:  
2           a telescoping frame having an upper end and a lower end;  
3           a handle assembly pivotally mounted to the upper end of said  
4 telescoping frame, said handle assembly including a handlebar, a  
5 handle stem depending from the center of said handlebar, and a  
6 handle angle adjustment assembly;  
7           a handle angle adjustment component mounted to said  
8 handlebar;  
9           a wheel assembly pivotally mounted to an intermediate  
10 portion of said frame;  
11           a scoop release assembly fixedly mounted to the lower end of  
12 said telescoping frame; and  
13           a scoop having a front scoop section, a rear section, and a  
14 rearward facing mounting block fixedly attached to said rear  
15 section, said mounting block pivotally mounted to said scoop  
16 release assembly, whereby said scoop has a first operating  
17 position in which said scoop is horizontally aligned with said  
18 scoop release assembly, and a second operating position in which  
19 said scoop is free to pivot in a vertical plane;  
20           a scoop release component mounted on said handle assembly;  
21           a first elongated flexible member interconnecting said scoop  
22 release component and said scoop release assembly; and  
23           a second elongated flexible member extending between said  
24 handle angle adjustment component and said handle angle  
adjustment mechanism.